BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: ***Estimate for Filling of Pot holes at HMT Layout, BEL Layout, Defence Layout, NTI Layout, Canara Bank Layout and Surrounding areas in Ward No. 09, (Vidyaranyapura). For the year 2019-20.***

Job Code: 009-20-000090

Estimated Cost Rs. 15.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Estimate for Filling of Pot holes at HMT Layout, BEL Layout, Defence Layout, NTI Layout, Canara Bank Layout and Surrounding areas in Ward No. 09, (Vidyaranyapura). For the year 2019-20.

								Estimate Cost Rs.	1500000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 **Page No. 155 / Item No. 20.18, PWD SR 2018-19**	Cum							
	Road Cut Portion and Depression Filling								
	BEL layout		2	2.00	1.50	0.15	0.90		
			3	2.50	2.00	0.15	2.25		
			2	2.00	3.20	0.15	1.92		
			2	2.50	2.50	0.15	1.88		
			2	2.80	3.20	0.15	2.69		
			3	3.50	2.50	0.15	3.94		
			2	4.50	2.20	0.15	2.97		
			2	2.90	3.50	0.15	3.05		
			2	2.90	2.20	0.15	1.91		
			3	3.50	1.90	0.15	2.99		
			2	2.60	2.50	0.15	1.95		
	HMT Layout		2	2.40	2.30	0.15	1.66		
			2	2.60	2.60	0.15	2.03		
			2	3.80	3.20	0.15	3.65		
			2	4.00	3.20	0.15	3.84		
			2	3.80	4.00	0.15	4.56		
			2	4.80	1.80	0.15	2.59		
			2	6.50	3.50	0.15	6.83		
			2	2.50	3.20	0.15	2.40		
			2	3.20	3.20	0.15	3.07		
			2	1.20	2.50	0.15	0.90		
			2	1.00	3.50	0.15	1.05		
			2	2.80	2.80	0.15	2.35		
	Venkataswammappa Layout		3	2.80	3.50	0.15	4.41		
			2	3.50	2.80	0.15	2.94		
			2	1.20	2.50	0.15	0.90		
			2	2.30	3.50	0.15	2.42		
			2	2.40	3.00	0.15	2.16		
			2	2.30	1.80	0.15	1.24		
			2	5.50	2.50	0.15	4.13		
			2	2.80	2.30	0.15	1.93		
			3	2.00	2.50	0.15	2.25		
			2	3.50	2.00	0.15	2.10		
			3	2.60	1.80	0.15	2.11		
	Sir MV Layout		2	2.80	2.50	0.15	2.10		
			2	3.00	2.00	0.15	1.80		
			2	2.30	2.20	0.15	1.52		
			2	3.50	4.00	0.15	4.20		
			2	2.50	2.50	0.15	1.88		
			2	3.50	1.80	0.15	1.89		
			2	1.80	3.50	0.15	1.89		
			1	2.50	2.00	0.15	0.75		
			2	3.60	2.50	0.15	2.70		
	Lakeshore garden		1	1.50	3.50	0.15	0.79		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	1.60	1.80	0.15	0.86		
			2	1.50	2.50	0.15	1.13		
			2	1.90	1.20	0.15	0.68		
			2	2.50	1.80	0.15	1.35		
			3	1.90	2.20	0.15	1.88		
			3	8.20	1.90	0.15	7.01		
			3	2.50	2.80	0.15	3.15		
			2	3.20	2.00	0.15	1.92		
	BEL 1st Block		2	1.80	1.60	0.15	0.86		
			3	3.20	1.90	0.15	2.74		
			2	3.50	2.20	0.15	2.31		
			2	1.90	2.50	0.15	1.43		
			2	6.50	2.20	0.15	4.29		
			2	5.50	2.00	0.15	3.30		
	BEL 3rd Block		3	4.50	1.80	0.15	3.65		
			2	4.80	1.50	0.15	2.16		
			2	4.90	2.00	0.15	2.94		
			2	4.00	1.90	0.15	2.28		
			3	5.00	0.90	0.15	2.03		
			2	4.80	1.10	0.15	1.58		
			2	4.50	1.20	0.15	1.62		
			2	3.50	1.50	0.15	1.58		
	HMT Layout 1st Block		2	2.50	1.60	0.15	1.20		
			2	5.50	1.80	0.15	2.97		
			1	2.50	2.20	0.15	0.83		
			2	5.50	3.00	0.15	4.95		
			2	5.00	2.50	0.15	3.75		
	HMT Layout 2nd Block		2	5.00	3.50	0.15	5.25		
			2	5.50	3.20	0.15	5.28		
			2	6.40	1.80	0.15	3.46		
			2	2.10	2.20	0.15	1.39		
			1	4.60	1.60	0.15	1.10		
			2	4.40	2.20	0.15	2.90		
			3	6.50	1.20	0.15	3.51		
			2	6.90	1.80	0.15	3.73		
	BEL 6th Block		2	9.20	3.50	0.15	9.66		
			2	2.40	2.00	0.15	1.44		
			2	3.30	3.50	0.15	3.47		
			2	3.40	2.20	0.15	2.24		
			2	2.40	3.50	0.15	2.52		
			2	3.50	2.00	0.15	2.10		
			3	1.80	2.20	0.15	1.78		
			2	5.40	2.00	0.15	3.24		
			3	5.70	1.80	0.15	4.62		
	HMT Layout 4th Block		2	3.00	1.90	0.15	1.71		
			1	2.90	2.20	0.15	0.96		
			2	4.60	1.20	0.15	1.66		
			2	2.20	2.20	0.15	1.45		
			2	3.20	1.70	0.15	1.63		
			2	1.50	1.00	0.15	0.45		
			2	10.50	1.80	0.15	5.67		
			2	6.30	2.70	0.15	5.10		
	HMT Layout 5th Block		2	1.50	1.30	0.15	0.59		
			2	1.80	1.20	0.15	0.65		
			2	3.20	1.35	0.15	1.30		
			2	2.80	2.30	0.15	1.93		
			2	6.30	1.20	0.15	2.27		
			1	4.70	1.40	0.15	0.99		
	Anjaneya swamy Layout		2	5.30	0.90	0.15	1.43		
			2	2.50	1.50	0.15	1.13		
			2	1.80	1.20	0.15	0.65		
			1	2.40	3.00	0.15	1.08		
			2	1.80	2.70	0.15	1.46		
			3	3.20	2.50	0.15	3.60		
	Sonnappa Layout		2	5.10	1.70	0.15	2.60		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	5.00	1.80	0.15	2.70		
			2	4.60	2.50	0.15	3.45		
			4	2.30	1.00	0.15	1.38		
			2	2.00	1.20	0.15	0.72		
			2	1.40	2.50	0.15	1.05		
			2	2.50	2.30	0.15	1.73		
			2	1.80	1.20	0.15	0.65		
	IECHES Layout		2	3.50	2.00	0.15	2.10		
			2	1.80	1.80	0.15	0.97		
			2	3.00	2.80	0.15	2.52		
			1	2.50	1.60	0.15	0.60		
			2	2.90	2.50	0.15	2.18		
			2	2.50	1.30	0.15	0.98		
			3	3.50	1.30	0.15	2.05		
			1	3.40	1.50	0.15	0.77		
	UGD Cutting Portion		10	15.00	0.60	0.15	13.50		
			15	12.00	0.60	0.15	16.20		
							321.39	2001.28	**643191.00**
	Basic Rate	1888.00							
	Area Weightage @ 6%	113.28							
	Total	**2001.28**							
2	KSRRB 3000 Filling Pot-holes and Patch Repairs with Bituminous Concrete, 40 mm KSRRB M3000-5. Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 500.3, filling back the pot holes with hot bituminous material as per clause 500.4, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2 complete as per specifications MORTH Specification No. 3004.2 **Page No. 259 / Item No. 35.5, PWD SR 2018-19**	Sqm							
	BEL layout		2	2.00	1.50		6.00		
			3	2.50	2.00		15.00		
			2	2.00	3.20		12.80		
			2	2.50	2.50		12.50		
			2	2.80	3.20		17.92		
			3	3.50	2.50		26.25		
			2	4.50	2.20		19.80		
			2	2.90	3.50		20.30		
			2	2.90	2.20		12.76		
			3	3.50	1.90		19.95		
			2	2.60	2.50		13.00		
	HMT Layout		2	2.40	2.30		11.04		
			2	2.60	2.60		13.52		
			2	3.80	3.20		24.32		
			2	4.00	3.20		25.60		
			2	3.80	4.00		30.40		
			2	4.80	1.80		17.28		
			2	6.50	3.50		45.50		
			2	2.50	3.20		16.00		
			2	3.20	3.20		20.48		
			2	1.20	2.50		6.00		
			2	1.00	3.50		7.00		
			2	2.80	2.80		15.68		
	Venkataswammappa Layout		3	2.80	3.50		29.40		
			2	3.50	2.80		19.60		
			2	1.20	2.50		6.00		
			2	2.30	3.50		16.10		
			2	2.40	3.00		14.40		
			2	2.30	1.80		8.28		
			2	5.50	2.50		27.50		
			2	2.80	2.30		12.88		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			3	2.00	2.50		15.00		
			2	3.50	2.00		14.00		
			3	2.60	1.80		14.04		
	Sir MV Layout		2	2.80	2.50		14.00		
			2	3.00	2.00		12.00		
			2	2.30	2.20		10.12		
			2	3.50	4.00		28.00		
			2	2.50	2.50		12.50		
			2	3.50	1.80		12.60		
			2	1.80	3.50		12.60		
			1	2.50	2.00		5.00		
			2	3.60	2.50		18.00		
	Lakeshore garden		1	1.50	3.50		5.25		
			2	1.60	1.80		5.76		
			2	1.50	2.50		7.50		
			2	1.90	1.20		4.56		
			2	2.50	1.80		9.00		
			3	1.90	2.20		12.54		
			3	8.20	1.90		46.74		
			3	2.50	2.80		21.00		
			2	3.20	2.00		12.80		
	BEL 1st Block		2	1.80	1.60		5.76		
			3	3.20	1.90		18.24		
			2	3.50	2.20		15.40		
			2	1.90	2.50		9.50		
			2	6.50	2.20		28.60		
			2	5.50	2.00		22.00		
	BEL 3rd Block		3	4.50	1.80		24.30		
			2	4.80	1.50		14.40		
			2	4.90	2.00		19.60		
			2	4.00	1.90		15.20		
			3	5.00	0.90		13.50		
			2	4.80	1.10		10.56		
			2	4.50	1.20		10.80		
			2	3.50	1.50		10.50		
	HMT Layout 1st Block		2	2.50	1.60		8.00		
			2	5.50	1.80		19.80		
			1	2.50	2.20		5.50		
			2	5.50	3.00		33.00		
			2	5.00	2.50		25.00		
	HMT Layout 2nd Block		2	5.00	3.50		35.00		
			2	5.50	3.20		35.20		
			2	6.40	1.80		23.04		
			2	2.10	2.20		9.24		
			1	4.60	1.60		7.36		
			2	4.40	2.20		19.36		
			3	6.50	1.20		23.40		
			2	6.90	1.80		24.84		
	BEL 6th Block		2	9.20	3.50		64.40		
			2	2.40	2.00		9.60		
			2	3.30	3.50		23.10		
			2	3.40	2.20		14.96		
			2	2.40	3.50		16.80		
			2	3.50	2.00		14.00		
			3	1.80	2.20		11.88		
			2	5.40	2.00		21.60		
			3	5.70	1.80		30.78		
	HMT Layout 4th Block		2	3.00	1.90		11.40		
			1	2.90	2.20		6.38		
			2	4.60	1.20		11.04		
			2	2.20	2.20		9.68		
			2	3.20	1.70		10.88		
			2	1.50	1.00		3.00		
			2	10.50	1.80		37.80		
			2	6.30	2.70		34.02		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	HMT Layout 5th Block		2	1.50	1.30		3.90		
			2	1.80	1.20		4.32		
			2	3.20	1.35		8.64		
			2	2.80	2.30		12.88		
			2	6.30	1.20		15.12		
			1	4.70	1.40		6.58		
	Anjaneya swamy Layout		2	5.30	0.90		9.54		
			2	2.50	1.50		7.50		
			2	1.80	1.20		4.32		
			1	2.40	3.00		7.20		
			2	1.80	2.70		9.72		
			3	3.20	2.50		24.00		
	Sonnappa Layout		2	5.10	1.70		17.34		
			2	5.00	1.80		18.00		
			2	4.60	2.50		23.00		
			4	2.30	1.00		9.20		
			2	2.00	1.20		4.80		
			2	1.40	2.50		7.00		
			2	2.50	2.30		11.50		
			2	1.80	1.20		4.32		
	IECHES Layout		2	3.50	2.00		14.00		
			2	1.80	1.80		6.48		
			2	3.00	2.80		16.80		
			1	2.50	1.60		4.00		
			2	2.90	2.50		14.50		
			2	2.50	1.30		6.50		
			3	3.50	1.30		13.65		
			1	3.40	1.50		5.10		
	UGD Cutting Portion		10	15.00	0.60		90.00		
			15	12.00	0.60		108.00		
							2142.60	324.36	**694974.00**
	Revised Basic Rate	306.00							
	Area Weightage @ 6%	18.36							
	Total	**324.36**							
	Sub Total								**1338165.00**
	GST Charges @ 12 %								**160580.00**
	Miscellaneous and unforeseen charges								**1255.00**
								Total	**1500000.00**

Rupees Fifteen Lakh(s) Only

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2018-19.
3 This work included under 2019-20 POW.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

21/04

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative Approval
Accorded For Rs. 15.00 lakhs
Head of A/C P-1771
CER NO :AS/133.. Dt:20/03/2020

21/04

TA

CE (YNK)

TECHNICAL SANCTION
Accorded For Rs. 15.00 lakhs only
Head of A/c P1771, pow works
Div. Ref. No. ..... Date 24/4/2020

AE

EE(BTP) 24/4/20